

1. (As Amended) Stackable tray for transport of fruit and horticultural products, constructed from a compact cardboard sheet in a single piece or by assembly of five pieces of compact cardboard, which define ~~the~~ a base, a set of greater side walls and a set of end pieces, the last provided with prism-shaped reinforcements on the corners obtained by an enveloping construction of several sectors defined in an extension provided at each end of said end pieces, and further provided with means allowing the stable and correct stacking of trays, ~~essentially characterised in that~~ wherein the end extensions of the end pieces (3) ~~are provided with~~ further comprise folding lines which give rise to a first, second, third, fourth and fifth consecutive sections (8, 9, 10, 11, 12), where a first sector (8) is larger than the second sector (9), with these sectors folded on each other and attached perpendicular to the respective end pieces (3) from which they originate, with the first sector (8) attached by its external surface on ~~the~~ an inner face of ~~the~~ a corresponding side wall of the set of greater side walls of the tray, while the fourth sector (11) and the fifth sector (12), which also differ in size, are attached to each other through ~~the~~ an external face of the larger fifth sector (12) folded onto ~~the~~ an inner face of ~~the~~ a corresponding end segment of an end piece of the set of end pieces (3), with the third sector (10) remaining perpendicular to ~~the~~ a diagonal of the corresponding corner; with a set of double

trapezoidal ridges (15) provided in correspondence with ~~the~~ an upper edge of the concurrent prismatic reinforcements of each corner, said ridges created by upper extensions of both ~~the~~ an inner and an outer wall of said corner reinforcements, and where the set of double upper ridges (15) are complementary of a set of bottom openings or slits (5) provided for insertion of the former in the latter when the tray is stacked with other identical trays.

2. (As Amended) Stackable tray for transport of fruit and horticultural products as claimed in claim 1, ~~characterised in that~~ further comprising the extreme fifth sector (12) of each end of the corners ~~extending~~ into an adjacent sixth sector (13) which is attached by a folding on ~~the~~ an inner face of the first sector (8), between ~~the~~ an edge or corner of the box and ~~the~~ an inner edge of the second sector (9) correlated and attached to the same first sector (8).

3. (As Amended) Stackable tray for transport of fruit and horticultural products as claimed in claim 1, ~~characterized in that~~ wherein said end pieces (3) ~~are provided~~ further comprise next to their ends ~~with~~ a set of elongated flanges (14) which upon stacking of the trays are inserted in a set of openings (4) provided on the bottom of the trays, aiding in the stabilization

of the stack provided by said ridges (15) defined in the corner reinforcements.

4. (As Amended) Stackable tray for transport of fruit and horticultural products as claimed in claim 1, ~~characterised in that wherein~~ the prism-shaped corner reinforcements ~~are formed by~~ further comprise the a superposed arrangement of the first, second, third, fourth and fifth ~~five~~ sectors (8'), (9'), (10'), (11') and (12'), with the third and fifth sectors (10') and (12') attached to each other, so that such third and fifth sectors (10') and (12') are provided on their upper edge with a set of trapezoidal ridges (15') complementary of a set of slits (5') provided for such purpose on the lower edge, such that ~~such that~~ the bottom of the box is provided with a set of complementary openings allowing said ridges (15') to pass into when the trays are stacked.

5. (As Amended) Stackable tray for transport of fruit and horticultural products, as claimed in claim 1, ~~characterized in that it is obtained from~~ further comprising a single sheet of compact cardboard with the corresponding folding and cutting lines which define ~~a~~ the base (1"), the side walls (2") and the end pieces (3"), with a set of extensions (2'') and (3'') respectively folded on ~~the~~ an inner face of said side walls (2")

and said end pieces (3"), such that said end pieces are provided with extreme extensions with a set of transverse folding lines which correlatively define the ~~six~~ first, second, third, fourth, fifth sectors (8"), (9"), (10"), (11"), (12") and a sixth sector (13"), with said first and second sectors (8") and (9") superimposed on each other and with said first sector (8") attached to the inner face of ~~the~~ an extreme part of ~~the~~ a corresponding side wall of the set of greater side walls, while said fourth and fifth sectors (11") and (12") are equally superimposed on each other and with said fifth sector (12") attached to ~~the~~ an inner face of ~~the~~ an extreme end of said end piece (3"), and said extreme sixth sector (13") placed coplanar to said second sector (9") and similarly attached to ~~the~~ an inner face of said first sector (8"), with said third intermediate sector (10") defining a diagonal wall which corresponds to ~~the~~ a hypotenuse of the triangular shape of each prism reinforcement created by the enveloping folding of such sectors, so that on said base (1") and corresponding to the folding lines which limit said base (1") and said side walls (2") and said end pieces (3") are provided a set of openings (5") for insertion of the set of ridges (15") provided in ~~the~~ an upper edge of the prism-shaped corner reinforcements when trays are stacked on each other.